Codebook

tidy.txt Data Set

Activity

    Name of Activity

        Character 18 max.

        Laying

        Sitting

        Standing

        Walking

        Walking_downstairs

        Walking_upstairs

Subject

    Subject identification

        Integer

        1 to 30

Measure

    Activity measurement name

        Character 22 max.

        tBodyAccX

        tBodyAccY

        tBodyAccZ

        tBodyAccsX

        tBodyAccsY

        tBodyAccsZ

        tGravityAccX

        tGravityAccY

        tGravityAccZ

        tGravityAccsX

        tGravityAccsY

        tGravityAccsZ

        tBodyAccJerkX

        tBodyAccJerkY

        tBodyAccJerkZ

        tBodyAccJerksX

        tBodyAccJerksY

        tBodyAccJerksZ

        tBodyGyroX

        tBodyGyroY

        tBodyGyroZ

        tBodyGyrosX

        tBodyGyrosY

        tBodyGyrosZ

        tBodyGyroJerkX

        tBodyGyroJerkY

tBodyGyroJerkZ
tBodyGyroJerksX
tBodyGyroJerksY
tBodyGyroJerksZ
tBodyAccMag
tBodyAccMags
tGravityAccMag
tGravityAccMags
tBodyAccJerkMag
tBodyAccJerkMags
tBodyGyroMag
tBodyGyroMags
tBodyGyroJerkMag
tBodyGyroJerkMags
fBodyAccX
fBodyAccY
fBodyAccZ
fBodyAccsX
fBodyAccsY
fBodyAccsZ
fBodyAccFreqX
fBodyAccFreqY
fBodyAccFreqZ
fBodyAccJerkX
fBodyAccJerkY
fBodyAccJerkZ
fBodyAccJerksX
fBodyAccJerksY
fBodyAccJerksZ
fBodyAccJerkFreqX
fBodyAccJerkFreqY
fBodyAccJerkFreqZ
fBodyGyroX
fBodyGyroY
fBodyGyroZ
fBodyGyrosX
fBodyGyrosY
fBodyGyrosZ
fBodyGyroFreqX
fBodyGyroFreqY
fBodyGyroFreqZ
fBodyAccMag
fBodyAccMags
fBodyAccMagFreq
fBodyBodyAccJerkMag
fBodyBodyAccJerkMags
fBodyBodyAccJerkMagFreq
fBodyBodyGyroMag
fBodyBodyGyroMags

fBodyBodyGyroMagFreq
fBodyBodyGyroJerkMag
fBodyBodyGyroJerkMags
fBodyBodyGyroJerkMagFreq

See original documentation in file attribute_info.txt in home folder of raw data for explanation of the above. Measurement names have been simplified as explained in the accompanying README.md file.

Mean

Mean of measurement
Float
Range between -1 and 1